Goat IgG Heavy and Light Chain Antibody

Rabbit Polyclonal Conjugate DyLight® 488

Antigen Affinity Purified

Catalog No. A50-100D2

Lot No. 4

APPLICATIONS	WB, IHC, ICC, Flow Cyt, IF
SPECIES REACTIVITY	Goat
AMOUNT	1 ml
CONCENTRATION	0.5 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
FLUOROPHORE/PROTEIN	5.7
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 488. Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. By immunoelectrophoresis and ELISA this antibody reacts specifically with goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This antibody may cross react with IgG from other species.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000 - 1:20,000. 5% non-fat dry milk in PBST or TBST is recommended for blocking and incubation of antibodies. BSA is not recommended.
Immunohistochemistry	1:50 - 1:500
Immunocytochemistry	1:50 - 1:500
Flow Cytometry	1:50 - 1:200
Immunofluorescence	1:50 - 1:500

APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory. DyLight® 488 is excited at 493 (in PBS) and emits at 518 (in PBS). DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: January 19, 2024

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